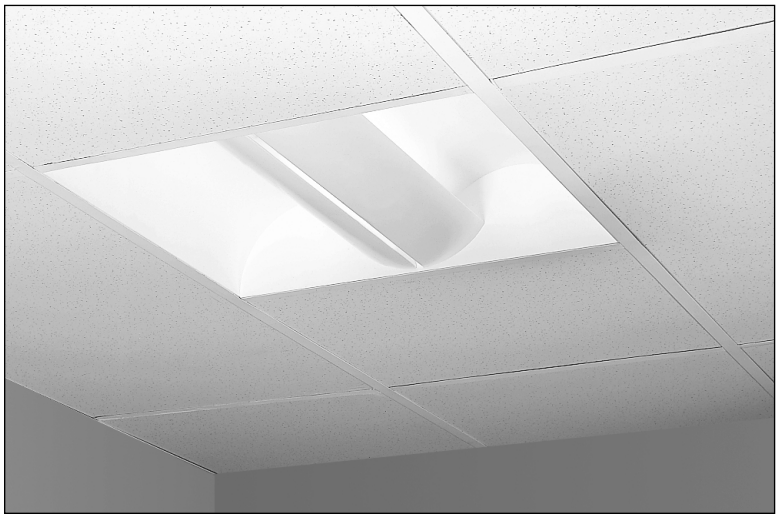
ALTER SOFT LIGHTS **QVS2GSDOS2FT**

2' X 2' RECESSED DIRECT/INDIRECT FLUORESCENT 2 LAMP, TT5 BI-TUBE, 5 1/2" DEEP SOLID LAMP SHIELD, STATIC

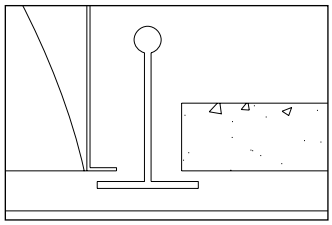
Features

- Efficiency 49.9%.
- Dual swing down solid lamp shields separated by luminous strip for easy relamping and maintenance.
- Fully recessed luminaire and with two separate lamp compartments.
- 95% Reflective Alter soft white paint finish.
- Specular interior reflector.
- One piece body for easy installation.
- Exclusive socket locks lamp into place.
- Easy access to ballast through lamp compartment.
- Fits standard T-Grid ceilings.
- Optional acrylic drop-down visual element.

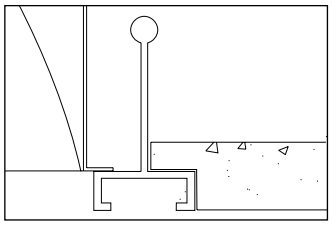


Mounting Methods / Features

Ceiling compatibility



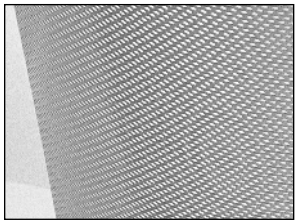
Suited to standard exposed T-grid ceilings



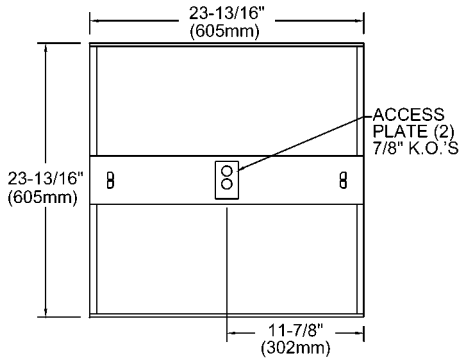
Suited to standard exposed Slot T-grid ceilings

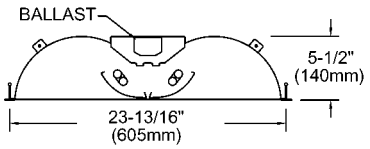
Swing down optical system for easy relamping and maintenance

Also available with microperforated mesh lamp shields



Dimensions





Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Volts/Ballast:	

Lightolier a Genlyte Thomas Company www.lightolier.com
Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2002 Genlyte Thomas Group LLC (Lightolier Division)

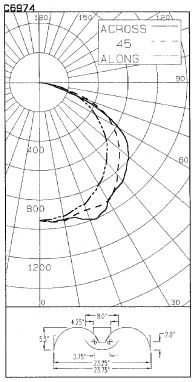
LIGHTOLIER®

Photometry

LIGHTING SCIENCES CANADA LTD.
440 Phillip St., Unit 19, Waterloo, Ont., Canada N2L 5R9
Tel: (519) 746-3140 Fax:(519) 746-3156

CERTIFIED TEST REPORT NO. LSC6974
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI INDIRECT RECESSED FIXTURE CAT. NO. QVS2GSDOS2U4120SB
WITH WHITE PAINTED INTERIOR AND SPECULAR REFLECTORS
TWO 40W PL-L COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ADVANCE 120V 2-LAMP ELECTRONIC BALLAST NO. REL-2TTS40-RH-TP



CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	939	939	939	939	939	
5	934	942	953	962	952	92
10	924	942	955	956	946	
15	898	931	931	952	953	265
20	883	903	923	978	991	
25	841	867	930	983	982	424
30	800	829	928	933	927	
35	755	797	882	880	892	530
40	704	763	818	847	875	
45	646	727	760	812	830	584
50	585	673	706	758	788	
55	509	593	640	703	726	567
60	440	496	565	618	623	
65	362	412	484	486	468	439
70	277	327	362	314	282	
75	196	225	200	141	122	202
80	118	121	79	81	80	
85	33	35	28	29	38	39
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	781	12.40	24.86
0-40	1311	20.82	41.73
0-60	2462	39.10	78.36
0-90	3143	49.89	100.00
40-90	1831	29.07	58.27
60-90	680	10.80	21.64
90-180	0	.00	.00
0-180	3143	49.89	100.00

** EFFICIENCY = 49.9% **

LUMINANCE SUMMARY-CD. / SQ. M.

ANGLE	ALONG	45	ACROSS
45	2647	3126	3417
55	2570	3247	3681
65	2480	3328	3221
75	2198	2241	1375
85	1090	935	1275

PAINT REFLECTANCE = .92 S/MH = 1.5
SC(ALONG) = 1.3, SC(ACROSS) = 1.5

CERTIFIED BY:
Charles Sisson
DATE: MAY 24, 1997
PREPARED FOR:
CANADIAN FLUORESCENT INDUSTRIES
CORNWALL, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

LIGHTING SCIENCES CANADA LTD.
440 PHILLIP ST. UNIT 19
WATERLOO, ONTARIO CANADA N2L 5R9

CERTIFIED TEST REPORT NO. LSC6974
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI INDIRECT RECESSED FIXTURE CAT. NO. OVS2GSDOS2U4120SB
WITH WHITE PAINTED INTERIOR AND SPECULAR REFLECTORS
TWO 40W PL-L COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ADVANCE 120V 2-LAMP ELECTRONIC BALLAST NO. REL-2TTS40-RH-TP

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC	80				70				50				30				10	0
WALL	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	.59	.59	.59	.59	.58	.58	.58	.58	.55	.55	.55		.53	.53	.53		.51	.51	.51	.50
1	.55	.52	.50	.49	.53	.51	.49	.48	.49	.48	.46		.47	.46	.45		.45	.44	.44	.43
2	.50	.46	.43	.40	.49	.45	.42	.40	.43	.41	.39		.42	.40	.38		.40	.39	.37	.36
3	.46	.41	.37	.34	.44	.40	.36	.33	.38	.35	.33		.37	.34	.32		.36	.34	.32	.31
4	.42	.36	.32	.29	.41	.36	.32	.28	.34	.31	.28		.33	.30	.28		.32	.30	.27	.26
5	.38	.32	.28	.24	.37	.32	.27	.24	.30	.27	.24		.29	.26	.24		.29	.26	.23	.22
6	.35	.29	.24	.21	.34	.28	.24	.21	.27	.23	.21		.26	.23	.20		.26	.23	.20	.19
7	.32	.25	.21	.18	.31	.25	.21	.18	.24	.20	.18		.23	.20	.18		.23	.20	.17	.16
8	.30	.23	.19	.16	.29	.23	.19	.16	.22	.18	.16		.21	.18	.15		.21	.18	.15	.14
9	.28	.21	.17	.14	.27	.20	.16	.14	.20	.16	.14		.19	.16	.13		.19	.16	.13	.12
10	.26	.19	.15	.12	.25	.19	.15	.12	.18	.14	.12		.18	.14	.12		.17	.14	.12	.11

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 66.5
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

Ordering Information **Explanation of Catalog Number Example: QVS2GSDOS2FT120SB**

QVS	2	G			2	FT				

QVS — **QUALITY VISUAL STATIC** Recessed direct indirect soft light optical system

2 — **FIXTURE WIDTH:** 2'

G — **CEILING TYPE:** Standard exposed T-grid ceilings

LAMP SHIELD:
PF = Microperforated
SD = Solid

CLEAR POLISHED ACRYLIC DROP DOWN VISUAL ELEMENT:
OS = Open slot (no acrylic)
OP = One Piece (no center slot)
GC = Clear acrylic
GG = Clear acrylic / Green projected color face
GB = Clear acrylic / Blue projected color face
GR = Clear acrylic / Red projected color face

2 — **LAMP QUANTITY**

FT — **LAMP/FIXTURE LENGTH:** (NOMINAL 24")
FT = TT5 Bi-Tube

VOLTAGE:
120V
277V
347V

BALLAST:
BE = 50W Electronic TT5 RS
BR =40W Electronic TT5 RS
BX = 40W Magnetic TT5 RS
PB = 40W TT5 PowerSpec Dimming*
PC = 50/55W TT5 PowerSpec Dimming*
SB = 40W Generic Electronic TT5

*Not available in 347V.

OPTIONS:
R =Radio Interference Filter
O =Emergency Lighting System (for Canada)
N =Emergency Lighting System (for U.S.)

Specifications

MATERIALS: One piece chassis constructed from die formed 20 gauge cold rolled steel. Reflectors - 95% reflectance baked white acrylic matte paint finish. Specular interior reflector.

FINISH: Chassis exterior - phosphate undercoating, baked white acrylic matte high reflectance paint finish.

ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.Os are within 3" of ballast use wire suitable for at least 90C.

LABELS: Listed by C SA US

Job Information	Type:

Lightolier a Genlyte Thomas Company www.lightolier.com
Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2002 Genlyte Thomas Group LLC (Lightolier Division)

LIGHTOLIER®